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**Laminate for insulation use - obtd. by impregnating substrates with phenolic resin varnish obtd. by mixing phenol, cresol and brominated polyepoxy resin**  
**Patent Assignee: MATSUSHITA ELECTRIC WORKS LTD**

**Patent Family**

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
JP 56049271	A	19810502				198125	B

**Priority Applications (Number Kind Date):** JP 79125808 A ( 19790928)

**Abstract:**

JP 56049271 A

A laminate is claimed, obtd. by impregnating substrates such as paper, glass fabrics, and the like with a phenolic resin varnish drying them and compressing them while heating so as to make up a pile of sheets. The phenolic resin varnish is prepd. by mixing 50-90 wt.% of phenol and 10-50 wt.% of cresol, and adding brominated epoxy resin to the mixt.

Pref. the amt. of brominated epoxy resin is 2-10 wt.% on the basis of the amt. of the phenol resin varnish.

Insulation and economy are well balanced by using phenol and cresol. Moreover, the reactivity of the phenol resin is controlled in such a way that impregnated materials are well kept as they are. The impregnated materials are used as an insulating laminate.

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